

Screening Assays for G Protein Coupled Receptor Agonists and Antagonists

Abstract

5 Parathyroid hormone (PTH) and its closely related peptide, PTHrP, share
the same receptor, PTHR. LLC-PK1 cells are porcine renal epithelial cells which
do not normally express PTHR. The present invention provides stably transfected
10 LLC-PK1 cells which express human PTHR. Also provided are methods for
determining whether a compound of interest is an agonist or antagonist of a Gs or
Gq protein coupled receptor.

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